

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: D. Brian Ballard

GENERAL INFORMATION:

| | |
|----------------------------|---|
| Name: | Rayloc |
| Address: | P.O. Box 530 Morganfield, Kentucky 42437 |
| Date application received: | 04/02/2004 |
| SIC/Source description: | 5013, Motor Vehicle Supplies and New Parts |
| Source ID #: | 21-225-00018 |
| Source A.I. #: | 4078 |
| Activity #: | APE20040002 |
| Permit number: | V-07-001 |

APPLICATION TYPE/PERMIT ACTIVITY:

| | |
|--|---|
| <input type="checkbox"/> Initial issuance | <input type="checkbox"/> General permit |
| <input type="checkbox"/> Permit modification | <input type="checkbox"/> Conditional major |
| __Administrative | <input checked="" type="checkbox"/> Title V |
| __Minor | <input checked="" type="checkbox"/> Synthetic minor |
| __Significant | <input type="checkbox"/> Operating |
| <input checked="" type="checkbox"/> Permit renewal | <input type="checkbox"/> Construction/operating |

COMPLIANCE SUMMARY:

| | |
|--|---|
| <input type="checkbox"/> Source is out of compliance | <input type="checkbox"/> Compliance schedule included |
| <input type="checkbox"/> Compliance certification signed | |

APPLICABLE REQUIREMENTS LIST:

| | | |
|--|---|---|
| <input type="checkbox"/> NSR | <input type="checkbox"/> NSPS | <input checked="" type="checkbox"/> SIP |
| <input type="checkbox"/> PSD | <input checked="" type="checkbox"/> NESHAPS | <input type="checkbox"/> Other |
| <input type="checkbox"/> Netted out of PSD/NSR | <input type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b) | |

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☐ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

| Pollutant | Actual (tpy) | Potential (tpy) | Allowable (tpy) |
|--|--------------|-----------------|-----------------|
| PM/PM ₁₀ | 2.8 | 14.9 | |
| SO ₂ | 0.0007 | 0.005 | |
| NO _x | 0.12 | 0.89 | |
| CO | 0.10 | 0.74 | |
| VOC | 49 | 415 | 90 |
| Single HAPs | | | |
| Ethyl Benzene (CAS No. 100-41-4) | 0.05 | 2.6 | |
| Glycol Ether | 0.04 | 1.5 | |
| Hexane (CAS No. 110-54-3) | 1.4 | 17.5 | |
| Methanol (CAS No. 67-56-1) | 0.35 | 6.9 | |
| Phenol (CAS No. 108-95-2) | 0.11 | 2.2 | |
| Toluene (CAS No. 108-88-3) | 2.4 | 42.8 | |
| Trichloroethylene (CAS No. 79-01-6) | 20.5 | 82.7 | |
| Xylenes (Total) (CAS No. 1330-20-7) | 1.1 | 22.5 | |
| Source wide HAPs | 26 | 179 | |

SOURCE DESCRIPTION:

The Rayloc facility in Morganfield, Kentucky produces remanufactured automobile parts. Operations at the facility include abrasive blasting, solvent cleaning, surface coating, degreasing and removal of dirt and grease from parts by burning off. Refer to Statement of Basis.

EMISSIONS AND OPERATING CAPS DESCRIPTIONS:

- 1) Source-wide VOC emissions shall not exceed ninety (90) tons per rolling twelve-month period.
- 2) The idling emission rate of the solvent cleaning machine shall be determined within 180 days of the issuance date of this permit. Failure to determine the emission rate in the above specified timeframe will result in termination of the authority to operate this unit until compliance as been demonstrated.
- 3) The occurrence of a temperature alarm shall be interlocked with burn off oven operation, resulting in shutdown of the oven.
- 4) The shot blasting filter units shall be in place and operating efficiently during shot blasting operations.